



# Certificate of Analysis

**PASSED**



**Harvest/Lot ID:** LMPR251229-2-6A2  
**Batch #:** LMPR251229-2-6A2  
**Production Method:** Cured  
**Retail Product Size:** 8 gram  
**Retail Serving Size:** 8 gram  
**Servings:** 1  
**Metric Package #:**  
1A40A030000012E000114000  
**Metric Source Package #:**  
1A40A030000012E000113999

**Lab ID:** NA60115003-025  
**Ordered:** 01/15/26  
**Sampled Date:** 01/15/26  
**Sample Size:** 8 gram  
**Completed:** 01/19/26











## INSA - Massachusetts

122 Pleasant Street  
Easthampton, MA, 01027, US  
myinsa.com  
License #: MC281268



### SAFETY RESULTS

MISC.

									
Pesticide <b>PASSED</b>	Heavy Metals <b>PASSED</b>	Microbial <b>PASSED</b>	Mycotoxins <b>PASSED</b>	Solvents <b>NOT TESTED</b>	Filtration/Foreign Material <b>NOT TESTED</b>	Water Activity <b>NOT TESTED</b>	Moisture Content <b>NOT TESTED</b>	Vitamin E <b>NOT TESTED</b>	Terpenes <b>TESTED</b>



## Cannabinoid

**PASSED**



**Total THC**  
**26.6408%**



**Total CBD**  
**ND**



**Total Cannabinoids**  
**31.5988%**

	TOTAL CANNABINOIDS	TOTAL TAC	TOTAL THC	TOTAL CBD	THCA	D9-THC	CBDA	CBD	CBDV	CBC	THCVA	THCV	CBGA	D8-THC	CBN	CBG
%	31.5988	27.7420	26.6408	ND	30.1004	0.2428	ND	ND	ND	ND	0.1617	ND	1.0939	ND	ND	ND
mg/g	315.9882	277.4203	266.4085	ND	301.0039	2.4280	ND	ND	ND	ND	1.6174	ND	10.9389	ND	ND	ND
LOD	0.1000	0.0001	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
LOQ	0.1000	0.0010	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
Qualifier	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:  
305, 990, 1172

Weight:  
0.2028g

Extraction date:  
01/17/26 08:57:53

Extracted by:  
735,1425

Analysis Method : SOP.T.30.031, SOP.T.40.031

Analytical Batch : NA024645POT

Instrument Used : NA-HPLC-004 (Potency - Flower)

Analyzed Date : 01/19/26 12:46:36

Batch Date : 01/16/26 09:50:32

Dilution : 400

Reagent : 100724.03; 122625.11; 030725.01; 111325.09; 110325.R03; 110325.R04; 010526.R06; 011526.R01; 010526.R07

Consumables : 010924CK01; 9291.023; 9479291.023; 072425CH02; 1008646012; 1008855823; 210118R; 220215E-15; GD25001; 2508041; 331090163

Pipette : NA-221 (P-10); NA-135 (P-200); NA-329 (Step)

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.031 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.031 for analysis. LOQ for all cannabinoids is 0.5 mg/L). Total THC = d9THC + (THCA\*0.877). Total CBD = CBD + (CBDA\*0.877). Total Cannabinoids = Total of all available cannabinoids. THCVa is pending ISO accreditation.



## Terpenes

**TESTED**

ANALYTES	LOD	LOQ	LIMIT	PASS/FAIL	RESULT (%)	(MG/G)	QUALIFIER
TOTAL TERPENES	0.020	0.020		TESTED	1.204	12.040	
LIMONENE	0.020	0.020		TESTED	0.468	4.680	
BETA-CARYOPHYLLENE	0.020	0.020		TESTED	0.227	2.270	
LINALOOL	0.020	0.020		TESTED	0.147	1.470	

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**Margaret Teasdale**

Lab Director

State License #  
IL281349  
ISO 17025  
Accreditation # 97164



Signature  
01/19/26  
Laboratory License #:  
IL281349



# Certificate of Analysis

**INSA - Massachusetts**  
122 Pleasant Street  
Easthampton, MA, 01027, US  
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License #: MC281268

**Sample: NA60115003-025**  
Batch #: LMPR251229-2-6A2  
Harvest/Lot ID: LMPR251229-2-6A2  
Seed to sale: 1A40A030000012E000114000

Ordered: 01/15/26  
Sampled: 01/15/26  
Completed: 01/19/26

**PASSED**



## Terpenes

TESTED

ANALYTES	LOD	LOQ	LIMIT	PASS/FAIL	RESULT (%)	(MG/G)	QUALIFIER
ALPHA-HUMULENE	0.020	0.020		TESTED	0.069	0.690	
BETA-PINENE	0.020	0.020		TESTED	0.068	0.680	
ALPHA-PINENE	0.020	0.020		TESTED	0.059	0.590	
BETA-MYRCENE	0.020	0.020		TESTED	0.040	0.400	
FENCHYL ALCOHOL	0.020	0.020		TESTED	0.033	0.330	
ALPHA-TERPINEOL	0.020	0.020		TESTED	0.032	0.320	
SABINENE	0.020	0.020		TESTED	0.031	0.310	
ALPHA-BISABOLOL	0.020	0.020		TESTED	0.030	0.300	
3-CARENE	0.020	0.020		TESTED	ND	ND	
BORNEOL	0.020	0.020		TESTED	ND	ND	
CAMPHENE	0.020	0.020		TESTED	ND	ND	
CAMPHOR	0.020	0.020		TESTED	ND	ND	
CARYOPHYLLENE OXIDE	0.020	0.020		TESTED	ND	ND	
CEDROL	0.002	0.020		TESTED	ND	ND	
EUCALYPTOL	0.020	0.020		TESTED	ND	ND	
FARNESENE	0.020	0.020		TESTED	ND	ND	
FENCHONE	0.020	0.020		TESTED	ND	ND	
GERANIOL	0.020	0.020		TESTED	ND	ND	
GERANYL ACETATE	0.020	0.020		TESTED	ND	ND	
GUAJOL	0.020	0.020		TESTED	ND	ND	
HEXAHYDROTHYMOL	0.020	0.020		TESTED	ND	ND	
ISOBORNEOL	0.020	0.020		TESTED	ND	ND	
ISOPULEGOL	0.020	0.020		TESTED	ND	ND	
NEROL	0.020	0.020		TESTED	ND	ND	
OCIMENE	0.020	0.020		TESTED	ND	ND	
PULEGONE	0.020	0.020		TESTED	ND	ND	
SABINENE HYDRATE	0.020	0.020		TESTED	ND	ND	
TERPINOLENE	0.020	0.020		TESTED	ND	ND	
VALENCENE	0.020	0.020		TESTED	ND	ND	
ALPHA-CEDRENE	0.020	0.020		TESTED	ND	ND	
ALPHA-PHELLANDRENE	0.020	0.020		TESTED	ND	ND	
ALPHA-TERPINENE	0.020	0.020		TESTED	ND	ND	
CIS-NEROLIDOL	0.020	0.020		TESTED	ND	ND	
GAMMA-TERPINENE	0.020	0.020		TESTED	ND	ND	
P-CYMENE	0.020	0.020		TESTED	ND	ND	
TRANS-NEROLIDOL	0.020	0.020		TESTED	ND	ND	

Analyzed by: 990, 1172      Weight: 0.4848g      Extraction date: 01/16/26 13:04:21      Extracted by: 572,623

Analysis Method : SOP.T.30.064.MA, SOP.T.40.064.MA

Analytical Batch : NA024639TER

Instrument Used : NA-GCMS-004 (Terpenes)

Batch Date : 01/16/26 08:33:40

Analyzed Date : 01/19/26 12:48:46

Dilution : 10

Reagent : 102125.14; 030725.01; 111925.11; 010826.R02

Consumables : 010924CK01; 9291.023; 9479291.023; 250208-634-A; 04503068; IP250.077; 1008855823; 1008897313; GD25001; 331090163

Pipette : NA-014 (P-200); NA-021 (P-20); NA-280 (Dispenser); NA-137 (P-1000)

Terpenoid profile screening is performed using Terpene sample preparation SOP.T.30.064.MA and analyzed using a GC-MS using Method SOP.T.40.064.MA which can screen for 39 terpenes. \*p-cymene is not an accredited analyte.

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**Margaret Teasdale**  
Lab Director



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myinsa.com  
License #: MC281268

**Sample: NA60115003-025**  
Batch #: LMPR251229-2-6A2  
Harvest/Lot ID: LMPR251229-2-6A2  
Seed to sale: 1A40A030000012E000114000

Ordered: 01/15/26  
Sampled: 01/15/26  
Completed: 01/19/26

**PASSED**



## Pesticide

**PASSED**

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
BIFENTHRIN	ppb	2.240	10.000	10	PASS	ND	
BIFENAZATE	ppb	2.460	10.000	10	PASS	ND	
ETOXAZOLE	ppb	1.790	10.000	10	PASS	ND	
IMAZALIL	ppb	3.050	10.000	10	PASS	ND	
IMIDACLOPRID	ppb	1.860	10.000	10	PASS	ND	
MYCLOBUTANIL	ppb	2.900	10.000	10	PASS	ND	
SPIROMESIFEN	ppb	2.970	10.000	10	PASS	ND	
TRIFLOXYSTROBIN	ppb	1.560	10.000	10	PASS	ND	
CYFLUTHRIN	ppb	3.750	10.000	10	PASS	ND	

**Analyzed by:** 139, 990, 1172      **Weight:** 0.4531g      **Extraction date:** 01/16/26 12:18:13      **Extracted by:** 1241,414  
**Analysis Method:** SOP.T.40.104.MA      **Analytical Batch:** NA024633PES      **Batch Date:** 01/15/26 18:29:21  
**Instrument Used:** NA-LCMS-003 (Pesticides)

**Dilution:** 12.5  
**Reagent:** 011426.R03; 030725.01; 122625.R03; 010726.R24; 060922.01; 123125.R01; 010826.R06; 122625.R01; 011226.R01; 122925.R03  
**Consumables:** 9291.023; 9479291.023; 250208-634-A; 1010204253; 1008855823; 1008897313; GD25001; 23-47; USEEN02615; USEEZ04393  
**Pipette:** NA-014 (P-200); NA-026 (Dispenser); NA-285 (P-20); NA-290 (P-1000)

Pesticide screen is performed using LC-MS and GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 9 Pesticides. (Method: SOP.T.40.104.MA - Pesticides and Mycotoxins Analysis via LC-MSMS and SOP.T40.154.MA - Volatile Pesticide Analysis via GC-MSMS).

**Analyzed by:** 414, 1172      **Weight:** 0.4531g      **Extraction date:** 01/16/26 12:18:13      **Extracted by:** 1241,414  
**Analysis Method:** SOP.T.40.154.MA, SOP.T.40.151.MA      **Batch Date:** 01/16/26 13:12:12  
**Analytical Batch:** NA024653VOL  
**Instrument Used:** NA-GCMS-006 (Volatile Pesticides)

**Dilution:** 12.5  
**Reagent:** 011426.R03; 030725.01; 122625.R03; 010726.R24; 060922.01; 123125.R01  
**Consumables:** 9291.023; 9479291.023; 250208-634-A; 1010204253; 1008855823; 1008897313; GD25001; 23-47  
**Pipette:** NA-014 (P-200); NA-285 (P-20); NA-290 (P-1000)

Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry and Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.



## Microbial

**PASSED**

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
TOTAL COLIFORMS	cfu/g	10	10	1000	PASS	ND	
TOTAL VIABLE AEROBIC BACTERIA	cfu/g	10	10	100001	PASS	100	
BILE TOLERANT GRAM NEGATIVE BACTERIA	cfu/g	10	10	1000	PASS	ND	
TOTAL YEAST AND MOLD	cfu/g	100	100	10000	PASS	<100	
ESCHERICHIA COLI SPECIFIC GENE					PASS	Not Present	
SALMONELLA SPECIFIC GENE					PASS	Not Present	

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**Margaret Teasdale**  
Lab Director



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ISO 17025  
Accreditation # 97164

Signature  
01/19/26  
**Laboratory License #:**  
IL281349



# Certificate of Analysis

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myinsa.com  
License # : MC281268

**Sample: NA60115003-025**  
**Batch #:** LMPR251229-2-6A2  
**Harvest/Lot ID:** LMPR251229-2-6A2  
**Seed to sale:** 1A40A030000012E000114000

**Ordered:** 01/15/26  
**Sampled:** 01/15/26  
**Completed:** 01/19/26

**PASSED**



## Microbial

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
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Analyzed by: 870, 990, 1172	Weight: 0.8303g	Extraction date: 01/15/26 16:55:53	Extracted by: 870,1446
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**Analysis Method :** SOP.T.40.056C, SOP.T.40.209.MA, SOP.T.40.206.MA  
**Analytical Batch :** NA024613MIC  
**Instrument Used :** NA-PCR-001 (Microbial) **Batch Date :** 01/15/26 15:07:12  
**Analyzed Date :** 01/19/26 12:47:28

**Dilution :** 900  
**Reagent :** N/A  
**Consumables :** 8847202-2441; 08/09/22; PG1727; BEL-13166-0001; 13175; 250821-634-A; 020506; 374506; 011406; 0820226; 15162252609; X002BSDLD8D; 3110; 540563; 25204; 25/06/27; 0002276; 0002555; 7586003012; 7586004002; WO4544; WO4228; WO4869; 0002056; 0002044; 0002176; 0002057; WO4955; WO4316; WO3882; WO4135; 7809004075; 7809004082; 0002089; 0001896; WO4884; WO4768; 0001991; 0002303; 0000652134; 0000652115; 1010667926; 1010204253; 1010792278; 1010818394  
**Pipette :** NA-001 (P-20, micro); NA-008 (P-10, micro); NA-011 (P-1000, Micro); NA-007 (P-200, micro); NA-003 (P-10 multi, micro); NA-006 (P-200, micro); NA-004 (P-100 multi); NA-010 (P-1000, micro); NA-005 (P-200, micro); NA-002 (P-100 multi, micro); NA-164 (P-10, micro); NA-200 (P-300 multi, micro); NA-208 (P-200, micro); NA-207 (P-20, micro); NA-206 (P-20, micro); NA-206A (P-200, micro); NA-207A (P-1000, micro); NA-318 (P-1000, micro); NA-333 micro bottle top dispenser

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.056C.MA) If a pathogenic Escherichia Coli or Salmonella is detected in 1g of a sample, the sample fails the microbiological-impurity testing.



## Mycotoxins

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
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AFLATOXIN B1	ppb	2.010	5.000	20	PASS	ND	
AFLATOXIN B2	ppb	1.960	5.000	20	PASS	ND	
AFLATOXIN G1	ppb	1.820	5.000	20	PASS	ND	
AFLATOXIN G2	ppb	2.100	5.000	20	PASS	ND	
OCHRATOXIN A	ppb	2.190	5.000	20	PASS	ND	
TOTAL AFLATOXINS	ppb	1.820	5.000	20	PASS	ND	

Analyzed by: 139, 990, 1172	Weight: 0.4531g	Extraction date: 01/16/26 12:18:13	Extracted by: 1241,414
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**Analysis Method :** SOP.T.40.104.MA  
**Analytical Batch :** NA024652MYC  
**Instrument Used :** NA-LCMS-003 (MYC) **Batch Date :** 01/16/26 13:12:10  
**Analyzed Date :** 01/19/26 12:42:21

**Dilution :** 12.5  
**Reagent :** 011426.R03; 030725.01; 122625.R03; 010726.R24; 060922.01; 123125.R01; 010826.R06; 122625.R01; 011226.R01; 122925.R03  
**Consumables :** 9291.023; 9479291.023; 250208-634-A; 1010204253; 1008855823; 1008897313; GD25001; 23-47; USEEN02615; USEEZ04393  
**Pipette :** NA-014 (P-200); NA-026 (Dispenser); NA-285 (P-20); NA-290 (P-1000)

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T40.104.MA Pesticides and Mycotoxins Analysis via LC-MS/MS. LOQ 20 ppb). Total Aflatoxins (Aflatoxin B1, B2, G1, G2) must be <20 µg/Kg. Ochratoxins must be <20 µg/Kg.



## Heavy Metals

PASSED

ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
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ARSENIC	ppb	6.720	10.000	200	PASS	ND	
CADMIUM	ppb	9.260	10.000	200	PASS	ND	
MERCURY	ppb	3.400	5.000	100	PASS	ND	
LEAD	ppb	8.850	10.000	500	PASS	ND	

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16 Tech Circle, Suite 201  
Natick, MA, 01760, US  
(401) 219-1491

Kaycha Labs  
Lempreme  
Matrix: Plant Material  
Classification: Raw Plant Material  
Type: Flower-Cured



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**Sample: NA60115003-025**  
Batch #: LMPR251229-2-6A2  
Harvest/Lot ID: LMPR251229-2-6A2  
Seed to sale: 1A40A030000012E000114000

Ordered: 01/15/26  
Sampled: 01/15/26  
Completed: 01/19/26

**PASSED**

	<b>Heavy Metals</b>	<b>PASSED</b>
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ANALYTES	UNIT	LOD	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER	
<b>Analyzed by:</b> 990, 414, 1172  <b>Analysis Method :</b> SOP.T.30.084.MA, SOP.T.40.084.MA <b>Analytical Batch :</b> NA024627HEA <b>Instrument Used :</b> NA-ICPMS-001,NA-ICPMS-002,NA-340 Multiwave 7301 Digester <b>Analyzed Date :</b> 01/17/26 12:54:34	<b>Weight:</b> 0.3079g			<b>Extraction date:</b> 01/16/26 12:09:47		<b>Extracted by:</b> 1391,1473		
<b>Dilution :</b> 50 <b>Reagent :</b> 062824.02; 062824.03; 103125.01; 122925.R05; 122225.R07; 122225.R08; 061025.10; 070224.01; 030725.01; 121825.05; 040325.01 <b>Consumables :</b> L205125M; 13175; 070125CH01; 1008855823; GD25001; 179436 <b>Pipette :</b> NA-012 (P-200); NA-214 Bottle Top Dispenser (nitric acid); NA-125 (5mL); NA-255 (10mL Dispensette, HCL)					<b>Batch Date :</b> 01/15/26 16:14:09			

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.084.MA Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.084.MA Heavy Metals Analysis via ICP-MS.

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